

envirovent®

TD-ECOWATT

Low Energy In-Line Fans



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About

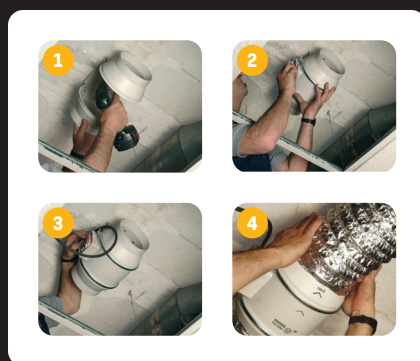
Variable speed axial in-line fans designed to solve ventilation problems for ducted systems. The energy saving DC motors are assembled with ball bearings for enhanced working life, delivering high efficiency and low consumption. Flexible location enables the TD-ECOWATT fans to be connected to any point of the ventilation duct; at the beginning, in-between or at the end, without the loss of any performance. Suitable for any kind of ventilation application where the fan must operate continuously, achieving significant energy savings.

- DC motor technology
- Fitted with a variable speed motor
- Flexible location
- IP44 rated
- 5 year warranty
- Incredibly silent running
- High performance
- Significant energy savings
- Complies with building regulations
- Ease of installation
- Easy maintenance



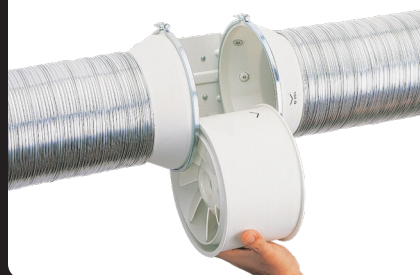
Easy Installation

The low profile design of the range makes them the most effective solution for installations where space is restricted, such as false ceilings. The unique design of the support bracket allows the central cartridge, holding the motor and impeller assembly, to be fitted without dismantling the ductwork.



Easy Maintenance

The unique design of the support bracket allows the motor and impeller assembly to be removed and replaced without dismantling the adjacent ducting.



Integrated Electronics

Electronics totally integrated in the product.



ORDER CODE	DC Motor	Multi Speed	Flexible Location
TD 160/100 ECOWATT	•	•	•
TD 250/100 ECOWATT	•	•	•
TD 350/125 ECOWATT	•	•	•
TD 500/150 ECOWATT	•	•	•
TD 800/200 ECOWATT	•	•	•

Motor

Continuous current brushless motor, high performance and low consumption, adjustable in lineal form.



Controller

The TD-ECOWATT fans can be controlled with the REB ECOWATT variable speed controller or an intelligent external sensor.



Technical Data

MODEL	TD 160/100 ECOWATT	TD 250/100 ECOWATT	TD 350/125 ECOWATT	TD 500/150 ECOWATT	TD 800/200 ECOWATT
SPEED (RPM)	2650	2400	2450	2600	2360
WATTS (W)	10	22	22	48	105
AMPS (A)	0.07	0.17	0.17	0.35	0.75
AIRFLOW US (m³/h)	53 [190]	76 [275]	100 [360]	161 [580]	286 [1030]
MAX WORKING TEMP (°C)	60	60	60	60	60
dB(A) @ 3m	34	35	34	36	38
WEIGHT (Kg)	1.4	2.0	2.0	2.7	4.9
Ø DUCT (mm)	100	100	125	150	200
IP Rating	IP44	IP44	IP44	IP44	IP44

Technical Specification

Product

The TD-ECOWATT models are low energy variable speed axial in-line extract fans fitted with DC motors to offer a low level of noise and solve a large number of ventilation problems for ducted systems.

Installation

Full installation guide is enclosed with all products.

Construction

Is manufactured in tough reinforced plastic (TD-250/100 ECOWATT - TD 800/200 ECOWATT).

Performance

See Technical Data table.

Construction

Is manufactured in tough reinforced plastic.

Motor

Is a variable speed Low Watt Brushless 90/260V-50/60Hz DC motor fitted with ball bearings for enhanced working life.

Fan

The impeller is axial flow type.

Controllers

The fans may be controlled by an REB-ECOWATT variable speed controller. An array of control options are available.

Servicing / Maintenance

The motor body of the in-line fan shall be easily dismountable for repairs or cleaning. The impeller should be cleaned at least once a year using a damp cloth.

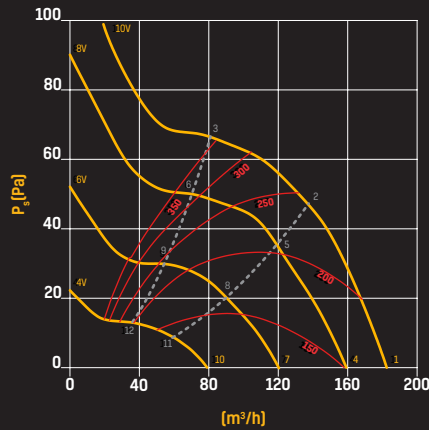
Warranty

Is covered by a 5 year warranty subject to maintenance.

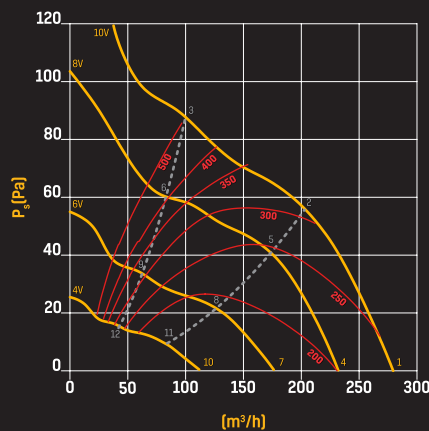
Compliance

CE Marked.

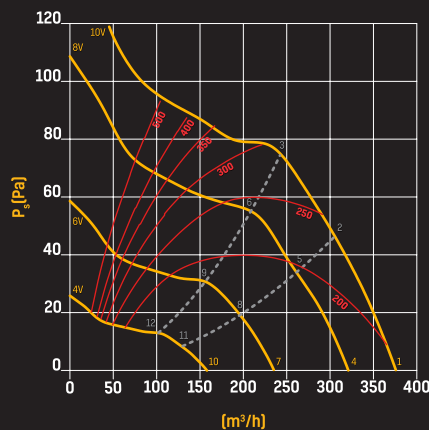
Performance Curves TD 160/100 ECOWATT



TD 250/100 ECOWATT



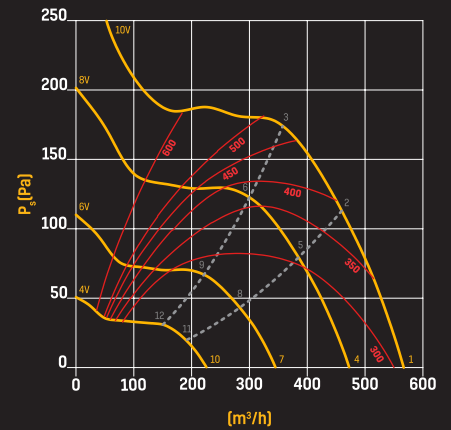
TD 350/125 ECOWATT



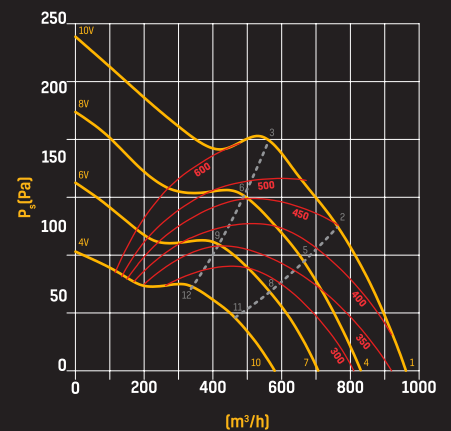
Options & Ancillaries

DESCRIPTION	CODE(S)
ADJUSTABLE CEILING VENT (VARYING SIZES)	Refer to domestic ancillaries
FLEXIBLE HOSE DUCTING (VARYING SIZES)	Refer to domestic ancillaries
INSULATED FLEXIBLE HOSE DUCTING (VARYING SIZES)	Refer to domestic ancillaries
FIVE IN ONE ROOF VENT KIT	1RVVENT5IN1
SLIMLINE AIRBRICK	1FDHORLOUV & 1FDVERLOUV

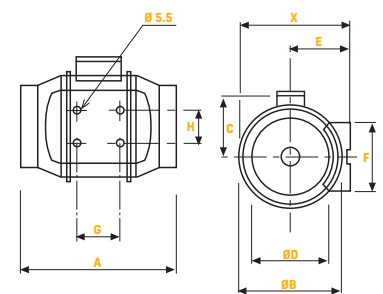
TD 500/150 ECOWATT



TD 800/200 ECOWATT



Dimensions (mm)



MODEL	A	B	C	D	E	F	G	ØH	ØI
TD 160/100 ECOWATT	232	151	95	52	82	96	48	97	138
TD 250/100 ECOWATT	303	188	156	60	100	90	80	97	176
TD 350/125 ECOWATT	258	188	156	60	100	90	80	123	176
TD 500/150 ECOWATT	295	211	174	60	112	130	80	147	200
TD 800/200 ECOWATT	302	233	184	94	124	140	100	196	217

envirovent®

Leaders in the manufacture of innovation and sustainable ventilation

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